

Remarks

Applicant has amended its new claims in this Amendment to contain the proper status identifier of "new," as requested by the Examiner. Additionally, Applicant submits herewith a copy of its Amendment filed June 15, 2006, a marked up version of the originally filed application showing changes relative to the clean copy of the application, copy enclosed, an abstract of the disclosure presented on a separate sheet pursuant to 37 CFR 1.72, and drawings, as required by 37 CFR 1.121(d). Formal drawings will be submitted upon allowance of the case. Applicant believes that the specification, as amended, is in compliance with 37 CFR 1.77(b) and does not include new matter.

Applicant respectfully submits that the claims, specification, drawings, and abstract, as amended, overcome the Examiner's objections, and reconsideration is requested. In the interest of expediting the examination of this case, which was filed April 3, 2002, the Examiner is invited to contact the undersigned prior to taking any formal written action. Early and favorable action is respectfully requested.

MICHAEL A. MYERS, PC
Attorney At Law
3939 Gray Pond Court
Indianapolis, Indiana 46237
Tel: (317) 777-3607
michael@mickmyerslaw.com

Respectfully submitted,


Michael A. Myers
Attorney Reg. No. 38,693

- ORIGINAL CASE -

MARKED REFERENCES ARE TO CLEAN
COPY OF APPLN., AS AMENDED, ON 06/15/2006.

LIQUID CONTROL CUP

REFERENCE TO RELATED APPLICATIONS

This application is a continuation in part of provisional patent # 60/302,000 filed July 02, 2001.

P. 1, 1-5

FIELD OF INVENTION

This invention allows anyone that has lost the involuntary control of swallowing, to consume frequent small amounts of fluids independently without help from care giver. This not only returns some dignity to the patient using the devise but allows the care giver the freedom to perform other duties needed by the patient. Thus allowing the care giver the time to provide care to more patients. The patient can drink when they wish. This provides them with a better quality of life and can help prevent dehydration as well as promote a faster recovery.

P. 2, 1-2-18;

P. 3, 2-21

P. 4, 1-1-2

P. 7, 1-10-21

~~P. 4~~

BACKGROUND OF THE INVENTION

Therefore the need for a devise to allow patients to drink small amounts of liquids on their own, without help or dependency on anyone to help them. The care giver must feed the patient's the liquid they need by hand in small amounts, a teaspoon at a time. One ounce of liquid contains six teaspoons. The patients chin is tucked down to their chest to open the passageway to the stomach and prevent aspiration. This takes a large amount of time on the part of the care giver and is very expensive. And limits the amount of care a person can provide. This invention will eliminate the need for the care giver to administer the liquid by hand with a teaspoon. The patient can get liquid when they need it independently of the care giver. It is also important that the devise be made to prevent the patient from getting large amounts of liquid, that would cause them to aspirate and possibly choke. This invention does this, it allows only the liquid held in the reservoir to be delivered to the patient when the cup is held up to the mouth and tipped toward the mouth. The devise is set up right to refill the reservoir and deliver another pre-set amount of liquid to the patient.

P. 2, 1-1-18

SUMMARY OF INVENTION

This invention allows anyone with swallowing problems to drink liquid, anytime they

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p. 2, 1. 2-18; p. 3, 1. 2-21; p. 4, 1. 1-2; p. 7, 1. 10-21

want or need to drink. And to do this without help from anyone. Giving them more independence and control over themselves. The invention provides the proper amount of liquid to help prevent aspiration, while keeping the patient hydrated. Which prevents further deterioration of their health.

The cup consists of two pieces. The cup that holds the liquid. The insert encompassing the extended mouth piece, lid, delivery tube and baffle plate or complete reservoir. This design allows for easy and complete cleaning.

1. Cup, to hold liquids
2. Lid, delivery tube and baffle plate or reservoir to hold pre-measured amount of liquid. The baffle plate along with the side and bottom of the cup forms the reservoir in this design.

pp. 3, 1. 2-21;

BRIEF DESCRIPTION OF THE DRAWINGS

Page 1

- A. Baffle plate fits in bottom of cup forming the top of the reservoir
- B. The extended mouth piece for easy of drinking
- C. Air valve for liquid delivery
- D. Lid
- E. Second handle if needed
- F. Wide base on cup to prevent spilling
- G. Baffle plate to form reservoir
- H. Handle for cup

Page 2

- A. Drawing showing patient drinking from invention in normal position
- B. Drawing showing patients chin in tuck position, the extended mouth piece allows the patient to drink and the cup to be clear of patients nose.

Page 3

- A. Shows second rendering of invention

Page 4

- A. Shows complete reservoir insert

p. 5, 1. 2-9
FIGS. 1-5d

DESCRIPTION OF THE PREFERRED EMBODIMENTS

(pp. 6-8)

p. 6, l. 2-21; p. 7, l. 1-21;

p. 8, l. 1-15

For the purposes of promoting and understanding of the principles of the invention, reference will now be made to the embodiments illustrated in the drawings. It will nevertheless be understood that no limitation of the scope of the invention is thereby intended, such alterations and further modifications in the illustrated device, and such further applications of the principles of the invention as illustrated therein being contemplated as would normally occur to one skilled in the art to which the invention relates.

While the invention will be described below for reference to a medical setting, it should be appreciated that the present invention can be adapted for use in other situations where fluid control is a concern.

Add liquid to cup, place lid containing mouth piece, delivery tube and baffle plate that completes reservoir in cup making sure lid is secure. The reservoir will fill with liquid when submerged into the liquid. When cup is tipped up to drink, liquid in baffle plate or reservoir will flow through the tube into the mouth piece into the patients mouth. The remaining liquid will stay in the cup. The process of filling the baffle plate space or reservoir will be repeated. By placing the cup in a up right position forcing liquid to the bottom of the cup refilling reservoir. When cup is raised toward the mouth and tilting the bottom upward placing the top of the cup in a downward position. And the bottom of the cup to the higher position forcing the liquid through the tube to the mouth piece.

Lid is vented to allow air flow from cup without forcing liquid out of the cup when the lid is put on the cup. And to allow air to re-enter cup, helping the free flow of liquid. Liquid cup can also be designed having a false bottom with a reservoir below the false bottom. The false bottom will have an opening to allow liquids to flow into reservoir below false bottom and be delivered to the patients mouth from the reservoir through the delivery tube without help. Cup can have one or two handles or no handle which ever is best.

While the invention has been illustrated and described in detail in the drawings and descriptions,

the same is to be considered as illustrative and not restrictive in character, it being understood that only the preferred embodiment has been shown and described and that all changes and modifications that come within the spirit of the invention are desired to be protected.

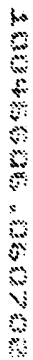
CLAIM or CLAIMS

What I claim my invention is . Pre-measured, pre-set device to deliver the same amount of liquid each time a person drinks. Designed and developed for people who aspirate or choke from taking large amount of liquids . When they drink from a normal drinking vessel.

Is a device when placed in a cup, glass or other drinking vessel restricts the amount of liquid that flows from the vessel to the person drinking. It is a device that dispenses a pre-determined amount of liquid each time the person drinks. The device can be constructed to dispense any amount of liquid for a particular reason.

pp. 3-10 and FIGS. 1-5d

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PRINT OF DRAWINGS
AS ORIGINALLY FILED

Fig. 8-1
Alternate Design
Pre-made Reservoir

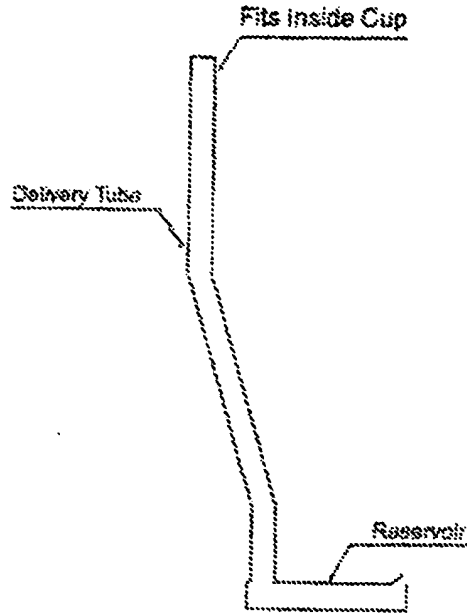


FIG. 4

PRINT OF DRAWINGS
AS ORIGINALLY FILED

Fig. 8
Baffle Illustration

Top View (Inside)

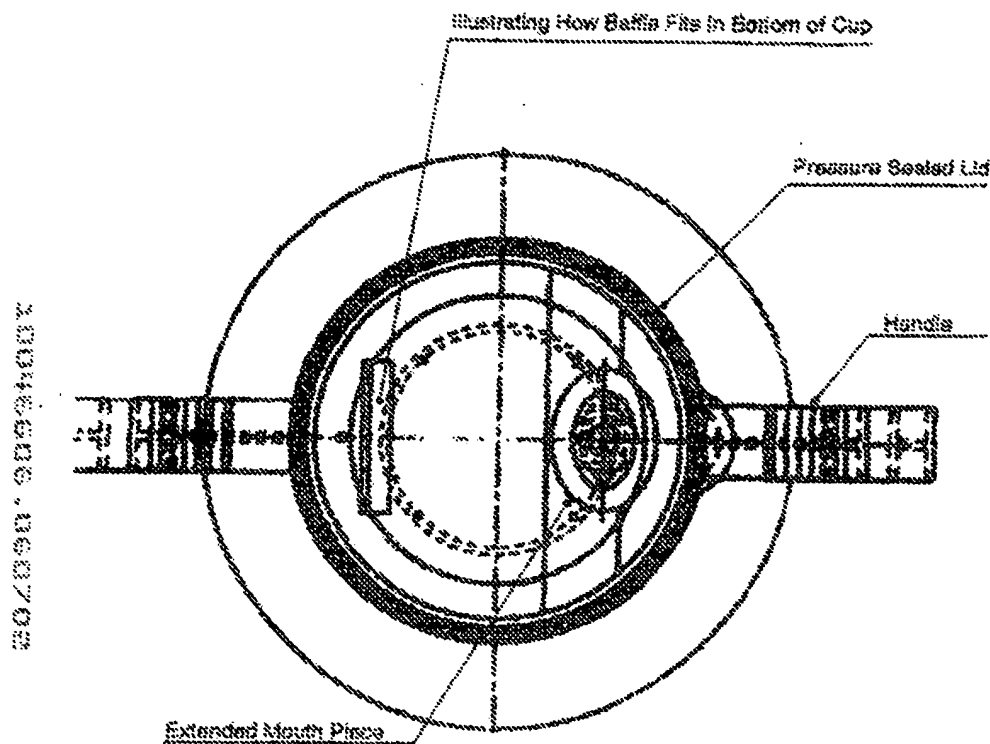


FIG 3 AND
FIG 2

100-44101



FIG 5a



FIG 56

XXXXXXXXXXXX

Abstract

This device allows a specific amount of fluid to be delivered independently to a person who must be limited on the amount of fluid they can drink at one time. Without outside help or without making any adjustments to the cup.

DELETED; NEW AMENDED ABSTRACT
PROVIDED ON SEPARATE SHEET

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